



Thermocouple Probes

With M12 Molded Connectors

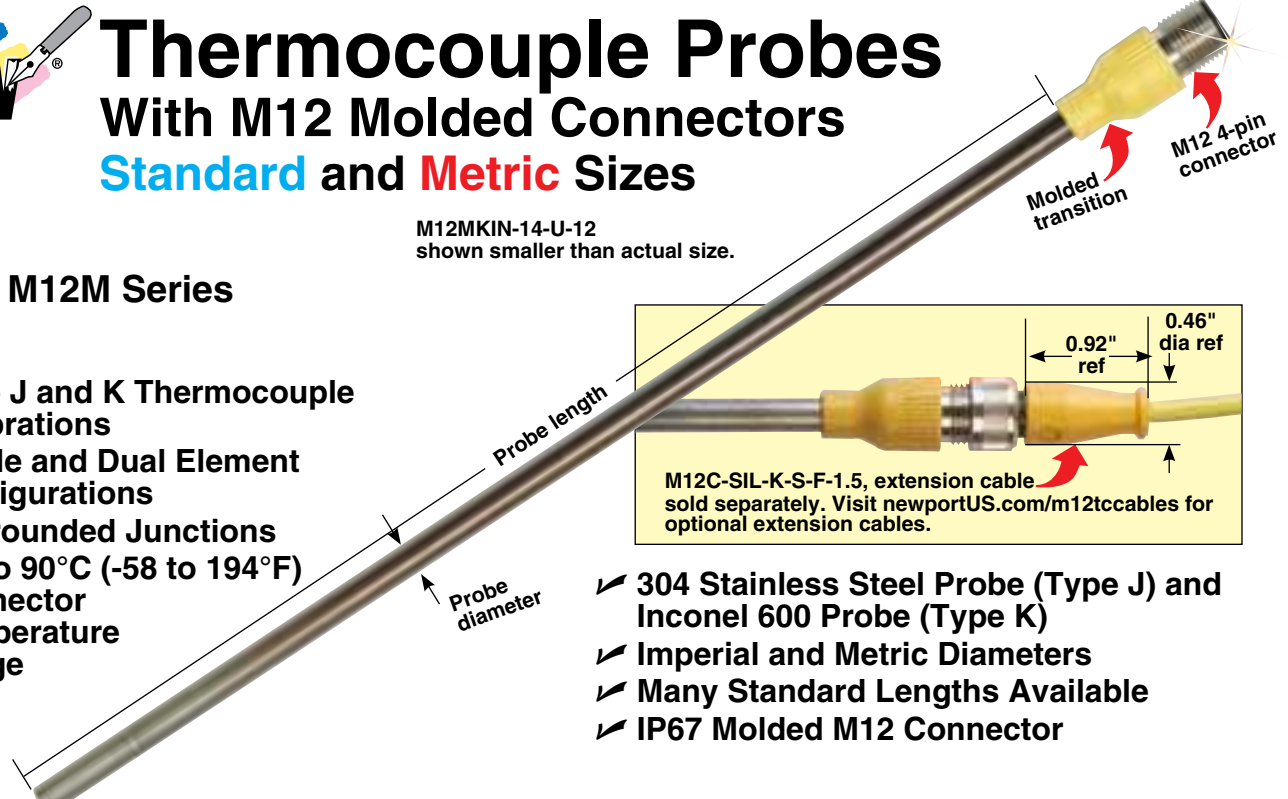
Standard and Metric Sizes

M12MKIN-14-U-12
shown smaller than actual size.

M12M Series

- ✓ Type J and K Thermocouple Calibrations
- ✓ Single and Dual Element Configurations
- ✓ Ungrounded Junctions
- ✓ -50 to 90°C (-58 to 194°F) Connector Temperature Range

- ✓ 304 Stainless Steel Probe (Type J) and Inconel 600 Probe (Type K)
- ✓ Imperial and Metric Diameters
- ✓ Many Standard Lengths Available
- ✓ IP67 Molded M12 Connector



M12C-SIL-K-S-F-1.5, extension cable sold separately. Visit newportUS.com/m12tccables for optional extension cables.

Standard

To Order Visit newportUS.com/m12molded for Pricing and Details

Model Number	Probe Length	Thermocouple Calibration	Sheath Material
M12MJSS-(*)-U-6	6"	J	304 SST
M12MJSS-(*)-U-9	9"	J	304 SST
M12MJSS-(*)-U-12	12"	J	304 SST
M12MJSS-(*)-U-18	18"	J	304 SST
M12MJSS-(*)-U-24	24"	J	304 SST
M12MKIN-(*)-U-6	6"	K	Inconel 600
M12MKIN-(*)-U-9	9"	K	Inconel 600
M12MKIN-(*)-U-12	12"	K	Inconel 600
M12MKIN-(*)-U-18	18"	K	Inconel 600
M12MKIN-(*)-U-24	24"	K	Inconel 600

(*) Insert "18" for 1/8" or "14" for 1/4" diameter.

For dual element, add "-DUAL" to the model number for additional cost.

For longer probe lengths enter the required length in inches to model number and add additional cost per inch to the price for 304 SST, or additional cost per inch for Inconel® 600 sheaths.

Ordering Examples: M12MJSS-18-U-6, Type J Thermocouple, 1/8" diameter by 6" long with 304 stainless steel sheath and molded M12 connector.
M12MKIN-14-U-6-DUAL, Type K ungrounded dual element thermocouple, 1/4" diameter by 6" long with Inconel 600 sheath and molded M12 connector.

Metric

Model Number	Probe Length	Thermocouple Calibration	Sheath Material
M12MJSS-M3-U-250	250 mm	J	304 SST
M12MJSS-M3-U-500	500 mm	J	304 SST
M12MJSS-M3-U-1000	1000 mm	J	304 SST
M12MJSS-M3-U-1500	1500 mm	J	304 SST
M12MKIN-M3-U-2500	250 mm	K	Inconel 600
M12MKIN-M3-U-500	500 mm	K	Inconel 600
M12MKIN-M3-U-1000	1000 mm	K	Inconel 600
M12MKIN-M3-U-1500	1500 mm	K	Inconel 600

(*) Insert "M3" for 3 mm or "M6" for 6 mm probe diameters.

For dual element, add "-DUAL" to model number for additional cost.

For longer lengths, enter the required length in millimeters to the model number and add additional cost per 25mm to the price for 304 SST sheathed Type J or additional cost per 25 mm for Inconel 600 sheathed Type K thermocouples.

Ordering Examples: M12MJSS-M3-U-250, Type J thermocouple with 3 mm diameter 304 stainless steel sheath 250 mm long with molded M12 connector.

M12MKIN-M3-U-250-DUAL, Type K thermocouple with 3 mm diameter Inconel 600 sheath 250 mm long, dual element with molded M12 connector.